

CLAIMS

What is claimed is:

- 5 1. A thick film conductor composition comprising:
- a) electrically conductive silver powder;
- b) PVDF/HFP polymer resin, copolymers of a
 PVDF/HFP polymer resin, and mixtures thereof;
 dissolved in
- 10 c) organic solvent.
- with the provisos that the PVDF/HFP resin has a melt viscosity of 0.2-0.7
 kPoise and a DSC melt temperature in the range of 85-98°C.
2. The composition of Claim 1 wherein the PVDF/HFP resin
- 15 contains about 12-16 mole% of hexafluoropropylene (HFP) in the total
 resin composition.
3. The composition of Claim 1 wherein the boiling point of the
 organic solvent is in the range of 180°C to 250°C.
- 20 4. The composition of Claim 1 wherein the organic solvent is
 selected from the group comprising glycol ethers, ketones, esters, and
 mixtures thereof.
- 25 5. The use of the composition of Claim 1 in membrane touch
 switch applications.
6. A method of forming a membrane touch switch comprising:
- a) preparing the composition of Claim 1;
- 30 b) applying the composition of a) onto a substrate;
- c) drying the composition of b) to form a circuit; and
- d) applying a voltage across the circuit of c).

1. 7. A membrane touch switch utilizing the composition of Claim

5 8. A membrane touch switch formed by the method of Claim 6.